

Data Replication Architecture

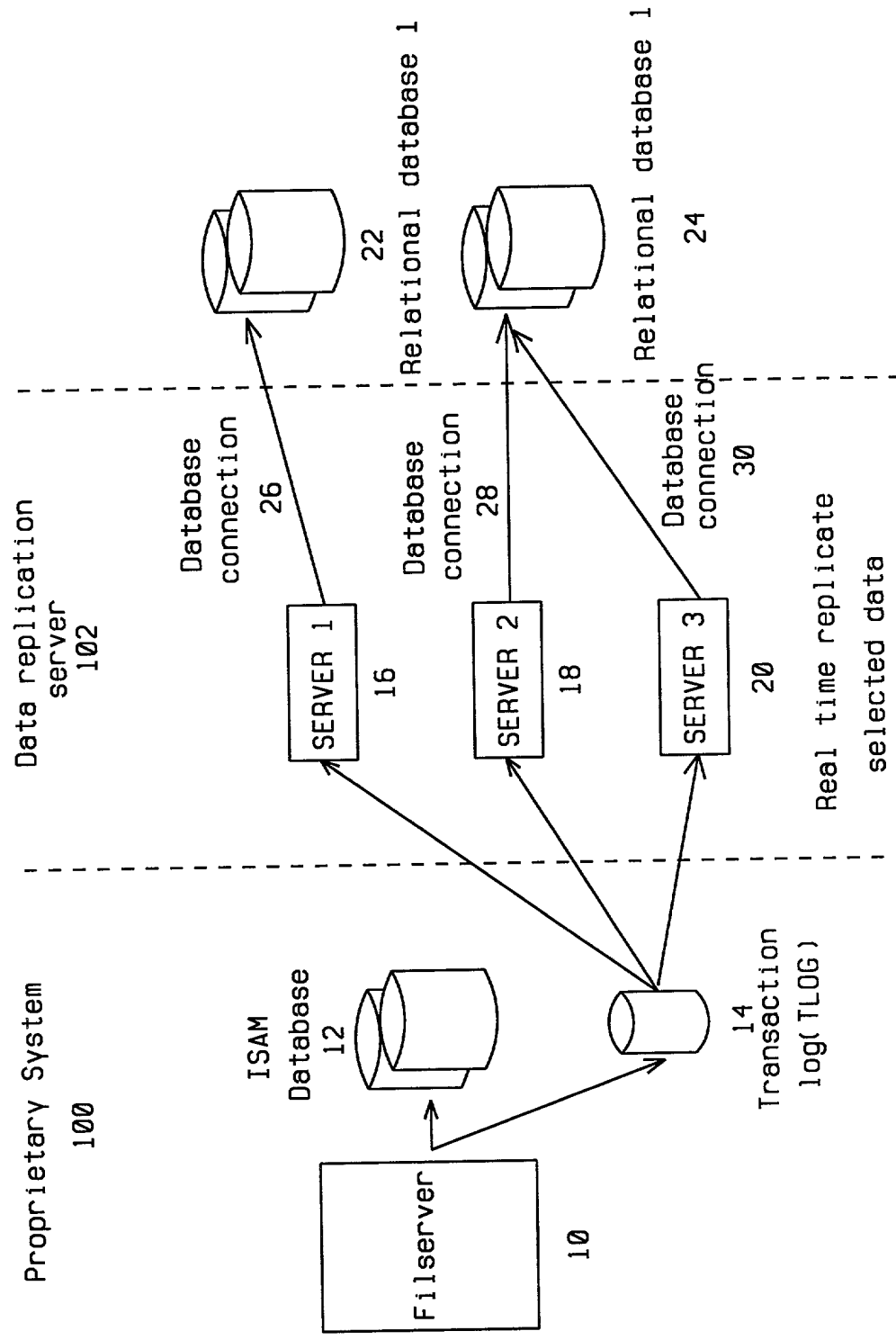


FIG. 1

Transaction Log File

Record #	Process ID	Flgs	File	Operation etc
36319304	00000000		Marker	
36319305	20C62255	M	Beg Mul Upd	
36319306	20C62255	JM	FUTA Delete	FUTAKEY='TLK14831.1'
36319307	20C62255	JM	ACTL Journal	LOTID='K14831.1'
36319308	20C62255	JM	ACTL Update	LOTID='K14831.1'
36319309	20C62255	JM	ACTL Journal	LOTID='K14831.1'
36319310	20C62255	JM	ACTL Update	LOTID='K14831.1'
36319311	20C62255		End Mul Upd	
36319312	20C62255		ACTL Update	LOTID='K14721.1'
36319313	20C61A54	M	Beg Mul Upd	
36319314	20C61A54	JM	FUTA Delete	FUTAKEY='TLK14810.1'
36319315	20C61A54	JM	ACTL Journal	LOTID='K14810.1'
36319316	20C61A54	JM	ACTL Update	LOTID='K14810.1'
36319317	20C61A54	JM	ACTL Journal	LOTID='K14810.1'
36319318	20C61A54	JM	ACTL Update	LOTID='K14810.1'
36319319	20C61A54		End Mul Upd	
36319320	20C62255	M	Beg Mul Upd	
36319321	20C62255	JM	EQPS Putree	EQPSKEY='ACOX01-AR...'
36319322	20C62255	JM	EQPS Journal	EQPSKEY='ACOX01-AC...'

FIG. 2

200 Extraction Functions	300 Work File Maintenance	400 Join Functions	500 External Interfaces	600 Special Reports
1) General File Extraction 2) Active Lot Extraction 3) History Lot Extraction 4) Engineering Extraction 5) Linked File Extraction	6) Directory 7) Display Work File 8) Print Work File 9) Sort Work File 10) Merge Work File 11) Remove Duplicate 12) Delete Work File 13) Externalize Work File 14) Internalize Work File 15) Create Descriptor 16) Edit Descriptor	17) Join Work Files 18) Approximate Join	19) Custom Feed 20) DataTrieve Feed 21) DIF File Conversion 22) Enhansys Feed 23) Oracle Feed 24) Rdb/PROMIS Feed 25) RSI Feed 26) SAS Feed 27) Superscript 29) DAN Data Analysis	30) Optional Step I.. 31) Selective Lot I..

FIG. 3

- 1 Non-Available Equipment Report
- 2 Current Equipment Status Report
- 3 Equipment Status Classification Report
- 4 LogSheet Real Time Report
- 5 Current Rework Wip Report
- 6 Super Hot/Hot Lot Report
- 7 DIF-PE Hold Lot Report
- 8 OOC OOS LOT Report
- 9 Pilot Lot Report
- 10 Engineer Lot Report
- 11 Hold Lot Report
- 12 Running Lot Report
- 13 Bank Lot Report
- 14 Bank IN/OUT Report
- 15 Hold/Release Lot Review Report
- 16 FAB WIP Schedule Report
- 17 Ad Hoc Lot Move History Report
- 18 Slow Moving Lot report
- 19 RD Slow Moving Lot Report
- 20 Part Information Report
- 21 PM Related Report (Confirm & in Process)
- 22 PM Related Report (Overdue PM)
- 23 PM Related Report (Next 2 Day PM)
- 24 PM Related Report (All Schedule PM)
- 25 PM Related Report (All Schedule by LOC)
- 26 MFG Capability Move Wip Report
- 27 MFG Focus PARTS LIST Report

FIG. 4